

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Haley-Vicente, et al.

Serial No: 09/596,196

Filed: June 17, 2000

For: METHODS AND MATERIALS  
RELATING TO NOVEL  
PROTHROMBINASE-LIKE  
POLYPEPTIDES AND  
POLYNUCLEOTIDES

CERTIFICATE OF MAILING  
UNDER 37 CFR 1.8

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the U.S. Patent and Trademark Office, the Assistant Commissioner for Patent, P.O. Box 2327, Arlington, VA. 22202.

Date of Deposit: May 9, 2002

Type or Print Name of Person Mailing: Annya Dushine

  
Signature of Person MailingTRANSMITTAL LETTER

U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Sir:

Enclosed are the following items for filing in the above-referenced U.S. Patent

## Application:

1. Applicants' Response and Amendment in response to the Office Action mailed April 19, 2002.
2. Substitute pages of specification pages 112 - 114 and version with markings to show changes.
3. Information Disclosure Statement Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98 with Form PTO-1449 and references.
4. Substitute pages 1- 4 of application transmittal filed June 17, 2000.

The Commissioner is hereby authorized to charge payment of any fees which may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 501169. A duplicate copy of this sheet is enclosed.

Please refund any overpayment to Hyseq, Inc. at the address below.

Respectfully submitted,

Date: May 9, 2002

By:

Luisa Bigornia  
Attorney for Applicants  
Registration No.: 45,974  
HYSEQ, INC.  
670 Almanor Avenue  
Sunnyvale, CA 94085  
(408) 524-8100  
(408) 524-8145 (Telefacsimile)



Express Mail No.: EJ575238415US  
Docket No.: HYS-14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53

**BOX PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Dana A. Haley, Bryan J. Boyle, Alice S. Ho, Matthew C. Arterburn

Title: METHODS AND MATERIALS RELATING TO NOVEL  
PROTHROMBINASE-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES

**1. Type of application**

- ☒ This is a new application for a
- ☒ Utility patent. ☐ Design patent.

**2. Application Papers Enclosed**

- 1 Title Page
- 114 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 5 Page(s) of Claims
- 1 Page(s) of Abstract
- 1 Sheet(s) of Drawings (Fig. 1)
- ☒ Formal
- ☐ Informal
- 9 Page(s) of Sequence Listing

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**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **June 17, 2000**, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. **EJ575238415US**

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**Petrina S. Hsi**

**SUBSTITUTE SHEET**

**3. Oath or Declaration**

- ☐ Enclosed
  - ☐ Executed by (check all applicable boxes)
    - ☐ Inventor(s)
    - ☐ Legal representative of inventors(s) (37 CFR 1.42 or 1.43)
    - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
  - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Unexecuted – the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Additional Papers Enclosed**

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☒ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence and Statement Under 37 CFR § 1.821(f)
- ☒ Paper copy of sequence listing identical to computer copy (9 Pages)
- ☐ Microfiche computer program
- ☒ Verified statement claiming small entity status under 37 CFR 1.9 and 1.27
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☒ Return receipt postcard
- ☐ Other \_\_\_\_\_

**5. Priority Applications Under 35 USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

- ☐ are attached.      ☐ will follow.

**SUBSTITUTE SHEET**

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6. **Filing Fee Calculation (37 CFR 1.16)**

A. ☒ **Utility Application**

CLAIMS AS FILED – INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$345.00		\$690.00
TOTAL	30-20	= 10	X 9 =	\$90.00	X 18 =	\$0.00
INDEP.	4-3	= 39	X 39 =	\$39.00	X 78 =	\$0.00
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 130 =		+ 260 =	\$0.00
FILING FEE:				\$474.00	OR	\$0.00

B. ☐ **Design Application (\$155.00/\$310.00)** Filing Fee: \$\_\_\_\_\_

C. ☐ **Plant Application (\$240.00/\$480.00)** Filing Fee: \$\_\_\_\_\_

D. **Other fees**

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$\_\_\_\_\_

☐ Petition fee for filing by other than all the inventors  
or person on behalf of the inventor where inventor  
refused to sign or cannot be reached [Fee -- \$130.00] \$\_\_\_\_\_

☐ Other \$\_\_\_\_\_

**TOTAL FEES ENCLOSED** \$ 474.00

**SUBSTITUTE SHEET**

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**7. Method of Payments of Fees**

- ☐ Enclosed check
- ☒ Charge Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed
- ☐ Not enclosed

**8. Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed.

Please refund any overpayment to Hyseq, Inc. at the address below.

Please direct all future correspondence to Petrina S. Hsi at the address below.

Respectfully submitted,

Date: June 17, 2000

By:

\_\_\_\_\_  
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